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PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **1** of **2****Complete if Known**

Application Number	10/764,741
Filing Date	January 26, 2004
First Named Inventor	Michael Ehrhart
Art Unit	2876
Examiner Name	Thien Minh Le
Attorney Docket Number	283-300 CON2

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
TL	AA	US 3,716,699		02/13/1973	Alton B. Eckert, Jr., et al.	
	AB	US 4,516,017		05/07/1985	Masahiro Hara, et al.	
	AC	US 4,963,756		10/16/1990	Ronald Quan, et al.	
	AD	US 5,654,533		08/05/1997	Masashi Suzuki, et al.	
	AE	US 5,763,866		06/09/1998	Shuzo Seo, et al.	
	AF	US 5,811,784		09/22/1998	Mark Tausch, et al.	
	AG	US 5,815,200		09/29/1998	Paul P. Ju, et al.	
	AH	US 6,010,073		01/04/2000	Maurizio Bianchi	
	AI	US 6,102,295		08/15/2000	Kenneth Yuji Ogami	
	AJ	US 6,234,394 B1		05/22/2001	Joel Kahn, et al.	
	AK	US 6,262,804 B1		06/17/2001	Timothy R. Friend	
	AL	US 6,311,896 B1		11/06/2001	Altaf Mulla, et al.	
	AM	US 6,315,204 B1		11/13/2001	Mark S. Knighton, et al.	
	AN	US 6,460,766 B1		10/08/2002	Francis Olschafskie, et al.	
	AO	US 6,533,168 B1		03/18/2003	Peter N. Ching	
	AP	US 2003/0062413A1		04/03/2003	Robert C. Gardiner, et al.	
	AQ	US 2003/0089775A1		05/15/2003	Daniel Yeakley, et al.	
	AR	US 2003/0206150A1		11/06/2003	Robert M. Hussey, et al.	
	AS	US 6,695,209 B1		02/24/2004	Chay K. La	
	AT	US 2004/0206825A1		10/21/2004	Mark Schmidt, et al.	
	AU	US 6,877,664 B1		04/12/2005	Guido M. Oliva	
	AV	US 6,910,633 B2		06/28/2005	Jerome Swartz, et al.	
	AW	US 2005/0161511A1		07/28/2005	James A. Parker, et al.	
	AX	US 2005/0167507A1		08/04/2005	Jerome Swartz, et al.	
	AY	US 6,976,626 B2		12/20/2005	Mark Schmidt, et al.	
TL	AZ	US 6,976,631 B2		12/20/2005	Motofumi Kashi, et al.	

Examiner
Signature

/Thien Le/

Date
Considered

10/30/2006



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² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/764,741
		Filing Date	January 26, 2004
		First Named Inventor	Michael Ehrhart
		Art Unit	2876
		Examiner Name	Thien Minh Le
Sheet 2 of 2	Attorney Docket Number	283-300 CON2	

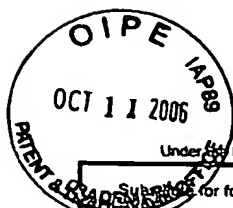
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
TL	BA	EP	0498366	A3	08/12/1992	PHOTOGRAPHIC SCIENCES CORPORATION		EN
	BB	EP	0690403	A3	03/07/1996	SYMBOL TECHNOLOGIES, INC.		EN
	BC	EP	0917087	A1	05/19/1999	DATALOGIC S.P.A.		EN
	BD	WO	00/16241	A1	03/23/2000	POLAROID CORPORATION		EN
	BE	JP	200029362 2	A	10/20/2000	CANON INC.		AO
TL	BF	WO	01/46899	A3	06/28/2001	UNITED PARCEL SERVICE OF AMERICA, INC.		EN

Examiner Signature	/Thien Le/	Date Considered	10/30/2006
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PTO/SB/08a/b (07-05)
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Submit for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known Application Number: 10/764,741-Conf. #8650 Filing Date: January 26, 2004 First Named Inventor: Michael A. Ehrhart Art Unit: 2876 Examiner Name: T. M. Le Attorney Docket Number: 283-300 Con 2	
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TL	AA*	US-6,598,798	07-29-2003	Kashi et al.	→

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
TL	CA	BERGE, PAUL, George Washington University SFX, <u>Data Processing</u> , Guildford: November 1984, Volume 26, Issue 9, pg. 28, ProQuest Document View - Using Bar Code Systems For Product Identification, (1 pg.)				
	CB	DILLING, RICHARD, George Washington University SFX, <u>Systems International</u> , London, April 1984, Volume 12, Issue 4, pg. 57, ProQuest Document View - Bar Codes: Designing In (1 pg.)				
	CC	McDONALD, RICHARD A., George Washington University SFX, <u>Industrial Engineering</u> , Norcross, November 1985, Volume 17, Issue 11, pg. 70, ProQuest Document View - Bar Code Systems Enhance Productivity of Computer Systems With Real-Time Mode, (1 pg.)				
	CD	ANONYMOUS, <u>OEP</u> , Tokyo, September 1987, Volume 16, Issue 107, pg. 54, ProQuest Document View - Barcode Reader (1 pg.)				
	CE	POLETTI, THERESE, <u>Crain's New York Business</u> , New York, August 29, 1988, Volume 4, Issue 35, Section 1, pg. 5, ProQuest Document View - Bar Codes Make Symbol's Coffers Sing (3 pgs.)				
	CF	FORGER, GARY, <u>Modern Materials Handling</u> , Boston, September 1989, Volume 44, Issue 9, pg. 51, Modern Materials Handling Document Summary - A Course-in-Print Bar Code Systems Basics (1 pg.)				
	CG	SNELL, NED, <u>Datamation</u> , Barrington, April 1, 1992, Volume 38, Issue 7, pg. 71, ProQuest Document View - Bar Codes Break Out (2 pgs.)				
	CH	ANONYMOUS, <u>Manufacturing Systems</u> , January 1995, 13, 1; ABI/INFORM Complete, Hand Held Image Scanner A First, (1 pg.)				
	CI	MARTIN ADICKES; RICHARD E. BILLO, <u>Journal of Manufacturing Systems</u> , 1998, 17, 5, ABI/INFORM Complete, Test Protocol For Comparing Two-Dimensional Bar Code Hand-Held Reader Technologies, pgs. 361-370				
	CJ	MICHELE PEPE, <u>Computer Reseller News</u> , November 15, 1999, 869, ABI/INFORM Complete, Two-Dimensional Bar Codes Begin to Make Mark, pg. 281				
TL	CK	LANGER, G., Siemens AG, Munchen, West Germany, <u>Data Report</u> , volume 18, No. 4, August 1983, pp. 32-3, West Germany, Hand-Held Scanner for OCR and Bar Code Abstract (1 pg.)				
Examiner Signature	/Thien Le/			Date Considered	10/30/2006	

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Substitute for form 1449A/B/PTO		Complete If Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/764,741-Conf. #8650		
		Filing Date	January 26, 2004		
		First Named Inventor	Michael A. Ehrhart		
		Art Unit	2876		
		Examiner Name	T. M. Le		
Sheet	2	of	2	Attorney Docket Number	283-300 Con 2

TL	CL	OKAMURA H, NAKAMURA T, FUJIWAKI K, BESSHI S, KITAMURA S, KIMURA Y, TAHARA S, TAKAYAMA T., Sumitomo Electric Ind. Ltd., Osaka, Japan, <u>Sumitomo Electric Technical Review</u> , No. 30, June 1990, ppg. 125-9, Japan, Development of Hand-Held Computer Terminal With Bar Code Scanner Abstract (1 pg.)	
	CM	MIYAZAKI H, SHIRAKABE K, OTSUKI Y, ONO Y, SUGAMA S, ISHII K, Ind. Autom. Div., NEC Corp., Tokyo, Japan, <u>NEC Research & Development</u> , Volume 34, No. 2, April 1993, pp. 239-47, Japan, Autofocussing Type Barcode Reader OBR-70-7Af with Advanced Beam Forming and Decoding Techniques—Omnidirectional Reading in Great Depth of Field Abstract (1 pg.)	
	CN	TANAKA, YASUYA, SATOH, YOJI, KASHI, MOTOFUMI, <u>Fujitsu Scientific and Technical Journal</u> , v. 35, n2, 1999, pp. 267-273, Fujitsu Ltd., Hand-Held Terminal with Multi-Code Reader Abstract (1 pg.)	
	CO	ZHANG, XUESONG, Beijing Univ. of Science and Technology, <u>Optical Technique</u> , n2, March 20, 1994, p. 5-10, 29, Engineering Village 2 Abstract - Design of Portable Bar Code Reader (1 pg.)	
	CP	FORGER, GARY, <u>Modern Materials Handling</u> , Boston, September 1989, Volume 44, Issue 9, pg. 51, Abstract - A Course-in-Print: Bar Code System Basics (1 pg.)	
	CQ	RAKOWSKI, LEO, <u>Modern Machine Shop</u> , February 2001 Article - Getting a Read on 3D Bar Codes, (2 pgs.)	
	CR	SPENCER, HARVEY, <u>Today</u> , October 1999 Article, Using Color for Forms Processing (2 pgs.)	
	CS	EDGE, <u>Work-Group Computing Report</u> , November 23, 1998 Article - Handheld Computing: NEC Computer Systems Division Announces Newest MobilePro Handheld Personal Computer - the Mobile Pro 800-Product Announcement (4 pgs.)	
	CT	PANCHAK, PATRICIA L., <u>Modern Office Technology</u> , v36, n6, p44(3), June 1991 Article - Scanners Revolutionize Data/Image Input (6 pgs.)	
TL	CU	ROWELL, DAVE, <u>PC Sources</u> , v3, N1, P200(12), January 1992, Article - Easy Entry; Shopping for an Optical Scanner (20 pgs.)	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Thien Le/	Date Considered	10/30/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Express Mail No. EV676906839US

(use as many sheets as necessary)

Sheet

1

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2

Attorney Docket Number

Complete if Known

Application Number

10/764,741

Filing Date

January 26, 2004

First Named Inventor

Michael Ehrhart

Art Unit

2876

Examiner Name

Le, Thien Minh

Attorney Docket Number

283-300 Con2

U.S. PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

/Thien Le/

Date Considered

10/30/2006

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Express Mail No. EV676906839US <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/764,741	
			Filing Date	January 26, 2004	
			First Named Inventor	Michael Ehrhart	
			Art Unit	2876	
			Examiner Name	Le, Thien Minh	
			Attorney Docket Number	283-300 Con2	
Sheet	2	of	2		

FOREIGN PATENT DOCUMENTS								
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		Country Code ³	Number ⁴	Kind Code* (if known)				
TL	AX	JP	11232378	A	08-27-1999	Canon Inc.	→	FT
↓	AY	EP	0 978 890	A2	02-09-2000	Hewlett Packard Co.	↓	EN
	AZ	EP	1050793	A	11-08-2000	Symbol Technologies, Inc.		EN
	BA	EP	0 978 890	A3	04-18-2001	Hewlett Packard Co.		EN
TL	BB	GB	2 357 209	A	06-13-2001	Hewlett Packard Co.	→	EN

Examiner Signature	/Thien Le/	Date Considered	10/30/2006
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Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Express mail No. EV676906839US

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/764,741
Filing Date	January 26, 2004
First Named Inventor	Michael Ehrhart
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-300 Con2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TL	BC	Text String Extraction from Images of Colour-Printed Documents -IEEE Proc. -Vis. Image Signal Process., vol. 143, No. 4, August 1996, pgs. 210-216.	

Examiner Signature	/Thien Le/	Date Considered	10/30/2006
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Sheet	1	of	1
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First Named Inventor	Michael Ehrhart
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[illegible][illegible]

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